EBDT SERIES / SUBMITTAL DATA

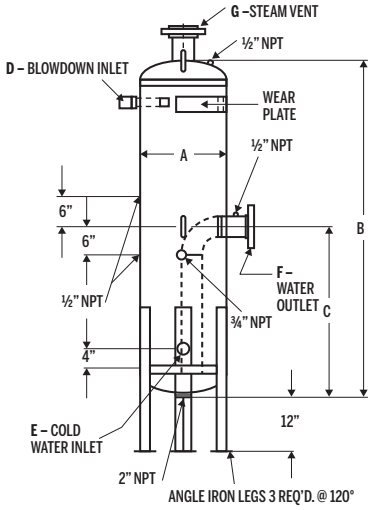
CALEFACTIO

ASME BOILER BLOWDOWN TANK

Calefactio Type EBDT boiler blowdown tanks are designed to reduce temperature and pressure of the blowdown discharge from the boiler. This equipment is essential because it is undesirable to discharge the boiler blowdown directly to a sanitary sewer. The tanks are designed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and stamped for 125 psi working pressure.

CONSTRUCTION

- **ASME constructed and stamped**
- **125 psig working pressure**
- **⅜" Material shell and heads**
- **450 °F design temperature**
- **Prime painted exterior**



Model	Boiler design pressure	Dimension				Outlet height		Blowdown inlet		Cold water inlet		Water oulet		Steam vent	
		Diameter		Height											
		A		B		C		D		E		F		G	
	psig	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
EBDT-21	20 to 50	14	356	66	1676	33	838	¾	19	¾	19	1 ½	38	2	51
EBDT-22		14	356	66	1676	33	838	1	25	1	25	1 ½	38	2	51
EBDT-23		14	356	66	1676	33	838	1 ¼	32	1 ¼	32	2 ½	64	2	51
EBDT-24		14	356	66	1676	33	838	1 ½	38	1 ¼	32	2 ½	64	2 ½	64
EBDT-25		18	457	72	1829	36	914	2	51	2	51	4	102	3	76
EBDT-26		20	508	72	1829	36	914	2 ½	64	2	51	4	102	4	102
EBDT-51	51 to 100	14	356	66	1676	33	838	¾	19	1	25	1 ½	38	2	51
EBDT-52		14	356	66	1676	33	838	1	25	1 ¼	32	2	51	2 ½	64
EBDT-53		18	457	72	1829	36	914	1 ¼	32	1 ½	38	3	76	3	76
EBDT-54		18	457	72	1829	36	914	1½	38	2	51	4	102	4	102
EBDT-55		24	610	72	1829	36	914	2	51	2 ½	64	4	102	5	127
EBDT-56		30	762	78	1981	39	990	2½	64	2 ½	64	5	127	6	152
EBDT-101	101 to 150	14	356	66	1676	33	838	¾	19	1	25	2	51	2 ½	64
EBDT-102		14	356	66	1676	33	838	1	25	1 ¼	32	3	76	3	76
EBDT-103		20	508	72	1829	36	914	1 ¼	32	1 ½	38	3	76	4	102
EBDT-104		24	610	72	1829	36	914	1½	38	2	51	4	102	5	127
EBDT-151	151 to 200	14	356	66	1676	33	838	¾	19	1	25	2	51	3	76
EBDT-152		18	457	72	1829	36	914	1	25	1 ¼	32	2 ½	64	4	102
EBDT-153		24	610	72	1829	36	914	1 ¼	32	2	51	3	76	5	127
EBDT-154		30	762	78	1981	39	990	1½	38	2	51	4	102	6	152
EBDT-156		48	1219	78	1981	39	990	2½	64	3	76	5	127	8	203
EBDT-201	201 to 300	18	457	72	1829	34	863	¾	19	1 ¼	32	2	51	4	102
EBDT-202		24	610	72	1829	34	86v3	1	25	1 ½	38	2 ½	64	5	127
EBDT-203		30	762	78	1981	39	990	1 ¼	32	2	51	4	102	6	152
EBDT-204		36	914	78	1981	39	990	1 ½	38	2 ½	64	4	102	6	152
EBDT-205		48	1219	78	1981	39	990	2	51	3	76	5	127	8	203
EBDT-206		54	1372	84	2134	42	1067	2 ½	64	3	76	6	152	10	254
EBDT-301	301 to 400	20	508	72	1829	36	914	¾	19	1 ¼	32	2 ½	64	4	102
EBDT-302		24	610	72	1829	36	914	1	25	1 ½	38	3	76	5	127
EBDT-304		42	1067	78	1981	39	990	1 ½	38	2 ½	64	4	102	8	203
EBDT-305		54	1372	84	2134	42	1067	2	51	3	76	5	127	10	254
EBDT-306		66	1676	84	2134	42	1067	2 ½	64	4	102	6	152	10	254
EBDT-401	401 to 500	20	508	72	1829	36	914	1 ¼	19	1 ¼	32	2 ½	64	4	102
EBDT-404		48	1219	78	1981	39	990	1 ½	38	1 ½	38	4	102	8	203
EBDT-405		60	1524	84	2134	42	1067	2	51	3	76	5	127	10	254
EBDT-406		72	1829	84	2134	42	1067	2 ½	64	4	102	8	203	12	305
EBDT-501	501 to 600	24	610	72	1829	36	914	¾	19	1 ¼	32	2 ½	64	5	127
EBDT-502		30	762	78	1981	39	990	1	25	1 ½	38	3	76	6	152
EBDT-503		42	1067	78	1981	39	990	1 ¼	32	2 ½	64	4	102	8	203
EBDT-504		54	1372	84	2134	42	1067	1 ½	38	2 ½	64	5	127	10	254
EBDT-505		66	1676	84	2134	42	1067	2	51	3	76	6	152	12	305
EBDT-506		72	1829	84	2134	42	1067	2 ½	64	4	102	8	203	12	305
EBDT-602	601 to 800	36	914	78	1981	39	990	1	25	1 ½	38	3	76	6	152
EBDT-603		48	1219	78	1981	39	990	1 ¼	32	2	51	4	102	8	203
EBDT-604		60	1524	84	2134	42	1067	1 ½	38	2 ½	64	5	127	10	254
EBDT-605		72	1829	84	2134	42	1067	2	51	3	76	6	152	12	305
EBDT-606		72	1829	84	2134	42	1067	2 ½	64	4	102	8	203	12	305

QUANTITY: _____ **MODEL: EBDT-**_____

Notes: _____

Project: _____ Representative: _____

Location: _____ Date submitted: _____

Engineer: _____ Approved by: _____

Contractor: _____ Date of approval: _____

TYPICAL SPECIFICATIONS: Furnish and install as shown on plans a _____ in/mm diameter x _____ in/mm (high) steel blowdown tank for a system having a boiler design pressure between _____ and _____ psi. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code for a maximum pressure of _____ psi. Each tank shall be Calefactio model number EBDT-_____ or approved equal.